

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Original Patent

Patentees: Frank Randolph Bryant
Tsiu Chiu Chan

Patent No.: 5,825,070

Title: STRUCTURE FOR TRANSISTOR
DEVICES IN AN SRAM CELL

Issued: October 20, 1998

Atty Dk No.: 96-C-126

Reissue Application

Applicants: Frank Randolph Bryant
Tsiu Chiu Chan

Serial No.:

Title: STRUCTURE FOR
TRANSISTOR DEVICES IN AN
SRAM CELL

Filing Date: October 20, 2000

Atty Dk No.: 96-C-126RE (1678-31)

FIRST REISSUE APPLICATION DECLARATION BY THE INVENTOR

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of the subject matter that is claimed in patent number 5,825,070, granted October 20, 1998, and for which a reissue patent is sought on the invention entitled:

STRUCTURE FOR TRANSISTOR DEVICES IN AN SRAM CELL

the specification of which

- ☒ is attached hereto.
- ☐ was filed on _____ as reissue application number _____ and was amended on _____ (if applicable). If the filing date, amendment date, or reissue application number are not included when I execute this Declaration, I authorize the below appointed attorney(s) and/or agents(s) to insert the filing date, amendment date, or reissue application number when they become available.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all that apply.)

- ☒ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming less than he had the right to claim in the patent.
- ☐ by reason of other errors.

Errors upon which reissue is based are described as follows:

The equation in column 4 and claims 4 and 9 of the '070 patent contains a typographical error. Specifically, the last term of the equation is inverted. Therefore, I have corrected each occurrence of this equation.

In claim 1, I have replaced "a product of the first width and the first thickness is greater than or equal to a product of the second width and the second thickness" with "a product of the second width and the first thickness is greater than or equal to a product of the first width and the second thickness" to broaden the scope of protection that the '070 patent affords my invention.

In claim 6, I have replaced "a product of the second width and the second thickness is greater than or equal to a product of the first width and the first thickness" with "a product of the first width and the second thickness is greater than a product of the second width and the first thickness" to broaden the scope of protection that the '070 patent affords my invention.

Because one can describe an aspect of my invention in terms of a gate insulator other than an oxide, I believe that the lack of claims directed to this feature unduly limits the scope of protection that the '070 patent provides to my invention. Therefore, I have added new circuit claims 13 - 20 and new memory-cell claims 21 - 22.

All errors corrected in this reissue application arose without any deceptive intention on my part.

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: LISA K. JORGENSEN, Reg. No. 34,845; THEODORE E. GALANTHAY, Reg. No. 24,122; ROBERT D. MCCUTCHEON, Reg. No. 38,717; MARIO DONATO, Reg. No. 37,816; and all attorneys associated with Customer Number 000996.

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I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof.

I do not know and do not believe that the claimed invention was ever patented or described in any printed publication in any country before my invention thereof.

I do not know and do not believe that the claimed invention was ever patented or made the subject of an inventor's certificate issued prior to the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns.

I do not know and do not believe that the claimed invention was ever patented or described in any printed publication in any country more than one year prior to the filing date of the original U.S. application.

I do not know and do not believe that the claimed invention was ever in public use or on sale in the United States of America more than one year prior to the filing date of the original U.S. application.

I hereby claim the benefit of priority, under 35 U.S.C. § 119 and 35 U.S.C. § 120, of any foreign application(s) for patent or inventor's certificate on which priority was claimed in the above-identified issued patent.

